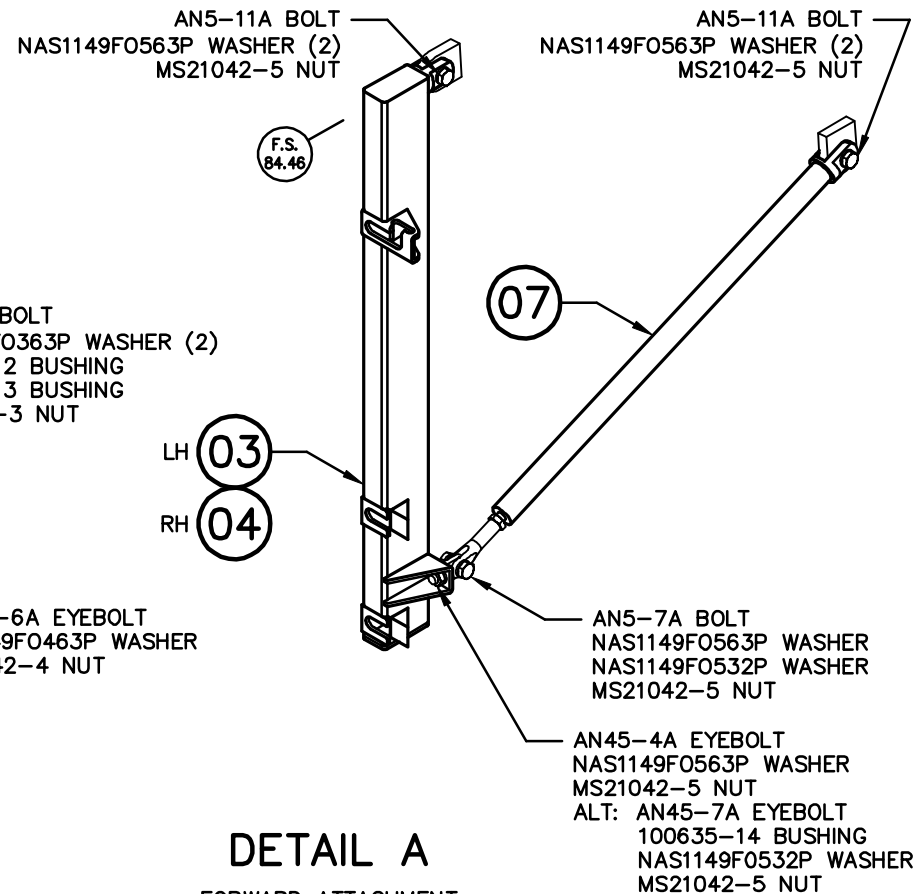
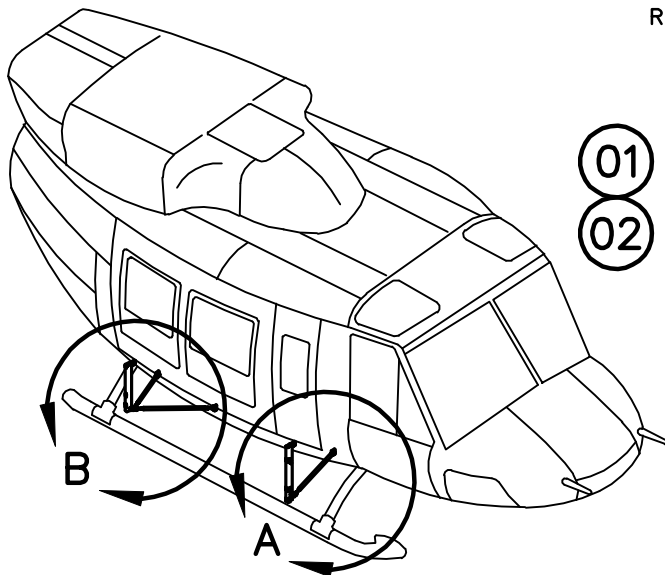



DETAIL B
AFT ATTACHMENT
RH SHOWN, LH OPPOSITE



DETAIL A
FORWARD ATTACHMENT
RH SHOWN, LH OPPOSITE



- (01) QUICK RELEASE MOUNTING PROVISIONS, LOW, LH
(02) QUICK RELEASE MOUNTING PROVISIONS, LOW, RH


APPROVALS		DATE		 <div>AERO DESIGN LTD. 9888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL: 604.483.2376 www.aerodesign.ca</div>	
DRAWN: JEFF CLARKE		13 JAN 2015			
CHECKED: JASON REKVE		13 JAN 2015			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1				BELL 205A-1, 205B, 212, 412, 412EP, 412CF QUICK RELEASE MOUNTING PROVISIONS LOW MOUNTED INSTALLATION	
NOT TO SCALE		DWG. SIZE	DWG. NO.	REV.	
SHEET 1 OF 2		A4	100605	0	

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		

NOTES:

1. SEE INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, ICA751.90, FOR MAINTENANCE INFORMATION.
2. INSTALLATION PROCEDURE:
 - A) INSTALL FORWARD AND AFT BEAM ON UPPER FUSELAGE HARD POINTS. DO NOT FULLY TIGHTEN BOLTS.
 - B) INSTALL FORWARD AND AFT STRUTS FROM BEAM TO LOWER FUSELAGE HARD POINTS. DO NOT TIGHTEN BOLTS.
 - C) ALIGN FORWARD AND AFT BEAMS TO BE PARALLEL WHEN VIEWED FROM THE FRONT OR BACK. THREAD CLEVIS ON STRUTS IN OR OUT TO ADJUST.
 - D) INSTALL DRAG LINK FROM AFT BEAM TO LOWER FUSELAGE HARD POINT AT FS. 129.00. THREAD CLEVIS ON BOTH ENDS IN OR OUT TO ADJUST.
 - E) ADJUST DRAG LINK FOR CENTRE TO CENTRE SPACING OF BEAMS TO 71.0 INCHES (1803 mm).
 - F) TIGHTEN ALL FASTENERS AND CHECK NUTS PER NOTE 3.
3. TORQUE FASTENERS AS FOLLOWS:
 - A) AN3 BOLTS: 12-15 IN-LBS (1.36-1.69 N-m)
 - B) AN4 BOLTS: 30-40 IN-LBS (3.39-4.52 N-m)
 - C) AN5 BOLTS, AN316-5 CHECK NUTS: 60-85 IN-LBS (6.78-9.60 N-m)
 - D) AN43 EYE BOLT: 50-70 IN-LBS (5.65-7.91 N-m)
 - E) AN45 EYE BOLTS: 100-140 IN-LBS (11.30-15.82 N-m)

1	1	MS21042-3	NUT (ALT: MS21042L3, MS21044N3)
3	3	MS21042-4	NUT (ALT: MS21042L4, MS21044N4)
7	7	MS21042-5	NUT (ALT: MS21042L5, MS21044N5)
2	2	NAS1149F0363P	WASHER
5	5	NAS1149F0463P	WASHER
2	2	NAS1149F0532P	WASHER
9	9	NAS1149F0563P	WASHER
1	1	AN3-7A	BOLT
1	1	AN43B-6A	EYE BOLT
2	2	AN4-11A	BOLT
1	1	AN45-7A	EYE BOLT
2	2	AN45-4A	EYE BOLT (ALT: AN45-7A WITH 100635-14 BUSHING)
2	2	AN5-7A	BOLT
2	2	AN5-11A	BOLT
1	1	100635-13	BUSHING
1	1	100635-12	BUSHING
1	1	100635-03	09 DRAG LINK
1	1	100635-02	08 AFT STRUT
1	1	100635-01	07 FORWARD STRUT
1		100631-01-02	06 AFT BEAM, LOW MOUNTED, RH
	1	100631-01-01	05 AFT BEAM, LOW MOUNTED, LH
1		100630-01-02	04 FORWARD BEAM, LOW MOUNTED, RH
	1	100630-01-01	03 FORWARD BEAM, LOW MOUNTED, LH
		100605-01-02	02 QUICK RELEASE MOUNTING PROVISIONS, LOW, RH
		100605-01-01	01 QUICK RELEASE MOUNTING PROVISIONS, LOW, LH
02	01	PART NO.	ITEM DESCRIPTION
QTY	QTY	LIST OF MATERIALS	

WEIGHT AND BALANCE – METRIC						
ITEM	DESCRIPTION	WEIGHT (kg)	LONGITUDINAL		LATERAL	
			ARM (mm)	MOMENT (mm–kg)	ARM (mm)	MOMENT (mm–kg)
QUICK RELEASE MOUNTING PROVISIONS INSTALLATION						
01	LOW MOUNTED, LH	5.1	3064	15626	–1164	–5936
02	LOW MOUNTED, RH	5.1	3064	15626	1164	5936
WEIGHT AND BALANCE – STANDARD						
ITEM	DESCRIPTION	WEIGHT (LB)	LONGITUDINAL		LATERAL	
			ARM (IN)	MOMENT (LB–IN)	ARM (IN)	MOMENT (LB–IN)
QUICK RELEASE MOUNTING PROVISIONS INSTALLATION						
01	LOW MOUNTED, LH	11.2	120.64	1351.2	–45.84	–513.4
02	LOW MOUNTED, RH	11.2	120.64	1351.2	45.84	513.4
APPROVALS		DATE		<div></div> <div>AERO DESIGN LTD. 9888A MALASPINA ROAD POWELL RIVER, BC, CANADA, V8A 0G3 TEL: 604.483.2376 www.aerodesign.ca</div>		
DRAWN: JEFF CLARKE		13 JAN 2015				
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:				BELL 205A–1, 205B, 212, 412, 412EP, 412CF QUICK RELEASE MOUNTING PROVISIONS LOW MOUNTED INSTALLATION		
DECIMALS		ANGLES				
X.XXX ±0.010		±1/2°				
X.XX ±0.03						
X.X ±0.1						
NOT TO SCALE		DWG. SIZE	DWG. NO.	REV.		
SHEET 2 OF 2		A4	100605	0		